

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

24 Claims 1-7. (Canceled)

8. (New) A method for controlling movement of a sliding door (1) in an end closing area(X) of a leaf (2) of the door, comprising the steps of: always permitting movement of the door leaf (2) in a closing direction by providing a free wheel (8); only permitting movement of the door leaf in an opening direction when a brake, coupling (9) or other fixation for a fixed part of the free wheel remote from the door leaf is disengaged; determining door position; deactivating any present safety devices against pinching in the predetermined end closing area(x); reducing a current supply of the door drive (5) and thus a closing force (F) acting on the door leaf (2) to a lower value (FS) as long as the door leaf (2) is within the end closing area(x); and disengaging the brake, coupling (9) or other fixation which

acts on the part of the free wheel (8) remote from the door leaf.

9. (New) A method according to claim 8, including engaging the brake, coupling (9) or other fixation when a predetermined time interval has elapsed.

10. (New) A method according to claim 8, including engaging the brake, coupling (9) or other fixation when a train has reached a predetermined speed.

11. (New) A method according to claim 8, including engaging the brake, coupling (9) or other fixation upon leaving of a station by a signal transponder located on a station platform.

12. (New) A method according to claim 8, wherein the end closing area(x) is approximately 150 mm.

13. (New) A method according to claim 8, wherein the closing force (FS) on the door leaf (2) in the end closing area(x) is 50 N to 150 N.

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14. (New) A method according to claim 13, wherein the closing force (FS) on the door leaf (2) in the end closing area(x) is approximately 75 N.

15. (New) A control apparatus for controlling movement of a sliding door (1) in an end closing area(X) of a leaf (2) of the door, comprising: a door having a door leaf; free wheel (8) operatively connected to the door leaf so that movement of the door leaf (2) in a closing direction is possible always; a brake (9) for the fixed part of the free wheel remote from the door leaf, the brake being engageable and disengageable, a movement of the door leaf in an opening direction only being possible when the brake is disengaged; a device for determining door position; and a door drive having a current supply operative so that, as long as the door leaf (2) is within the end closing area(x), the current supply of the door drive (5) and thus a closing force (F) acting on the door leaf (2) is reduced to a lower value (FS), the brake (9), which acts on the part of the free wheel (8) remote from the door leaf being disengaged when the door leaf is in the end closing area (x).

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16. (New) A control apparatus according to claim 15, wherein the brake (9) is engageable when a predetermined time interval has elapsed.

17. (New) A control apparatus according to claim 16, wherein the brake (9) is engageable when a train has reached a predetermined speed.

18. (New) A control apparatus according to claim 15, wherein the end closing area(x) is approximately 150 mm.

19. (New) A control apparatus according to claim 15, wherein the closing force (FS) on the door leaf (2) in the end closing area(x) is 50 N to 150 N.

20. (New) A control apparatus according to claim 19, wherein the closing force (FS) on the door leaf (2) in the end closing area(x) is approximately 75 N.

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